

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP01/01139

A. CLASSIFICATION OF SUBJECT MATTER  
Int.Cl<sup>7</sup> H04L7/033

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl<sup>7</sup> H04L7/033

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1926-1996

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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US, 5953386, A (LSI Logic Corporation), 14 September, 1999 (14.09.99),	1-4
A	Figs. 3A, 3C, 7A, 7B (see their descriptions) & KR, 98006922, A	5-8
Y	JP, 5-110428, A (NEC Corporation), 30 April, 1993 (30.04.93),	1, 2, 4
A	Fig. 1 (see its description) (Family: none)	3, 5-8
Y	JP, 7-273648, A (NEC Corporation), 20 October, 1995 (20.10.95),	3
A	Fig. 1 (see their description) (Family: none)	1, 2, 4
A	JP, 2000-323984, A (NEC Corporation), 24 November, 2000 (24.11.00), Full text (Family: none)	1-8

☒ Further documents are listed in the continuation of Box C.☐ See patent family annex.

## \* Special categories of cited documents:

"A" document defining the general state of the art which is not

considered to be of particular relevance

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date

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cited to establish the publication date of another citation or other

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later document published after the international filing date or

priority date and not in conflict with the application but cited to

understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be

considered novel or cannot be considered to involve an inventive

step when the document is taken alone

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considered to involve an inventive step when the document is

combined with one or more other such documents, such

combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

Date of the actual completion of the international search  
15 May, 2001 (15.05.01)Date of mailing of the international search report  
29 May, 2001 (29.05.01)Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

Facsimile No.

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## C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP, 9-135238, A (Fujitsu Limited), 20 May, 1997 (20.05.97), Full text (Family: none)	1-8
A	JP, 11-298459, A (Hitachi, Ltd.), 29 October, 1999 (29.10.99), Full text (Family: none)	1-8
A	JP, 2000-183731, A (Fujitsu Limited), 30 June, 2000 (30.06.00), Full text & EP, 993121, A2	5-8